Key Curriculum Objectives

Please see below the Key Curriculum Objectives in Reading, Writing and Maths for each year group.

Reception

Literacy - Comprehension and Word Reading
Enjoys sharing books and stories.
Say a sound for each letter in the alphabet and at least 10 digraphs.
Reads words consistent with their phonic knowledge by sound-blending.
Reads aloud sentences and books that are consistent with their phonic knowledge.
Reads some common exception (tricky) words.
Demonstrates an understanding about what they have read.
Anticipates, where appropriate, key events in known stories.
Literacy - Writing
Forms recognisable letters.
Writes own name from memory.
Uses phonic knowledge to write words.
Writes simple sentences which can be read by themselves and others.

Mathematics
Has a deep understanding of number to 10, including the composition of each number.
Can subitise (recognise quantities without counting) up to 5.
Can recall number bonds up to 5 (including subtraction facts).
Can recall some number facts to 10 (including double facts).
Can verbally count beyond 20.
Compares quantities of numbers up to 10.
Identifies and recognises odd and even numbers up to 10.
Investigate composition of shape and recognise a shape can have other shapes within it.

Year 1

Reading
Listen to and talk about a wide range of poems, stories and non-fiction.
Read and blend the letters and sounds independently.
Read and spell many common exception words.
Read words with some suffixes.
Discuss and answer questions and begin to predict and infer.
Apply phonics knowledge to decode.

Writing
Neatly form and write letters correctly.
Begin to use the prefix ‘un’ and the suffix ‘s/es’.
Use capital letters, full stops, exclamation marks and question marks.
Begin to use ‘and’ to join ideas together.
Sequence sentences to form a short narrative.
Read writing out loud to check if it makes sense.

Maths
Count to and across 100, forwards and backwards from a given number.
Read and write numbers to 100 in numerals.
Count in multiples of twos, fives and tens from 0.
Identify one more and one less of a given number.
Represent and use number bonds within 20 and related subtraction facts.
Recognise, find and name a half as one of two equal parts of an object, shape or quantity.
Recognise and know the value of different coins and notes.
Compare, describe and solve practical problems involving length, mass and capacity.
Tell the time to the hour and half past the hour.
Recognise and name common 2D and 3D shapes.
Describe position, direction and movement.

Year 2

Reading
Read accurately and fluently without overt sounding and blending, self-checking to make sure it makes sense.
Read most common exception words and words containing suffixes.
Answer questions about what has been read and sequence events in books.
Make some inferences on the basis of what is being said and done.

Writing
Has neat clear handwriting and is beginning to join a few letters.
Spell many words correctly, including many common exception words and those with suffixes, and others phonetically.
Punctuate sentences with capital letters and full stops, and use question marks and exclamation marks correctly when required.
Use apostrophes for contractions and possession.
Use coordination (or, but, and) and subordination (when, if, that, because).
Use present and past tense mostly correctly and consistently.
Write simple, coherent narratives and write for different purposes about real events.

Maths
Recall all number bonds to and within 10 and use these to calculate bonds to and within 20 and support addition and subtraction within 100
Partition any two-digit number into different combinations of tens and ones.
Add and subtract any 2 two-digit numbers using an efficient strategy.
Recall and use multiplication and division facts for the 2, 5, and 10 tables.
Identify 1/4, 1/3, 1/2, 2/4, 3/4 of a quantity or shape.
Use different combinations of coins to make a particular value.
Choose and use appropriate standard units to estimate and measure; compare and order measurements.
Read the time on the clock to five minutes, including quarter past/to the hour.
Describe properties of 2-D and 3-D shapes and identify 2-D shapes on the surface of 3-D shapes.

Year 3

Reading
Read books and listen to a range of texts that are structured in different ways and retell them orally.
Apply growing knowledge of root words, prefixes, suffixes and common exception words to read aloud and understand new words.
Predict what might happen from details stated.
Infer characters' feelings, thoughts and motives from details stated.
Use dictionaries to check meanings.

Writing
Use diagonal and horizontal strokes to increase the legibility, consistency and quality of handwriting.
Spell words that are often misspelt, including a wider range of prefixes and suffixes.
Write coherently, using all punctuation taught so far.
Punctuate direct speech using inverted commas.
Organise paragraphs around a theme, using simple organisational devices eg headings, sub-headings.
Use varied and rich vocabulary including: adjectives, expanded noun phrases, adverbs, preposition phrases, collective nouns, similes and alliteration.
In narratives, create settings, characters and plots.
Vary sentence openers: eg adverbs, prepositional phrases and subordinate clauses.
Proofread own and others' writing, suggesting improvements and correcting spelling and punctuation errors.

Overall Attainment in Maths
Read, write, compare and order numbers up to 1000.
Recognise the place value of each digit in a 3-digit number (100s, 10s, 1s).
Add and subtract numbers of up to 3 digits mentally or using methods of column addition and subtraction.
Recall and use multiplication and division facts for the 3, 4 and 8x multiplication tables.
Write and calculate mathematical statements for multiplication and division, using formal methods.
Recognise, write and show fractions (including equivalents) as numbers or using diagrams.
Solve problems, including missing number, addition subtraction, multiplication, division and fraction problems.
Add and subtract amounts of money to give change, using both £ and p in practical contexts.
Measure, compare, add and subtract money, lengths, mass and capacity.
Tell and write the time from an analogue clock, including using Roman Numerals.
Identify parallel and perpendicular lines and state whether angles are greater or less than a right angle.
Interpret and present data using bar charts, pictograms and tables and use them to solve one-step and two-step problems.

Year 4

Reading
Read Year 3 and 4 Common Exception Words.
Retrieve and record information from non-fiction texts.
Discuss words and phrases that capture the reader's interest.
Make reasoned predictions of what might happen, clearly derived from evidence that is both stated and implied.
Infer characters' feelings, thoughts and motives, clearly derived from evidence that is both stated and implied.
Identify main ideas across paragraphs and summarise these.

Writing
Increase the legibility, consistency and quality of handwriting by using the diagonal and horizontal strokes needed to join letters.
Spell words that are often misspelt, including a wider range of prefixes, suffixes and homophones.
Write coherently, using all punctuation taught so far.
Use apostrophes to show singular and plural possession.
Use standard English forms for verb inflections, instead of local spoken forms.
Organise paragraphs around a theme within a range of different genres of writing.
In narratives, use a broader range of figurative language, including metaphors, personification and repetition, to create settings, characters and plot.
Vary sentence openers for effect: eg adverbs, prepositional phrases and subordinate clauses, and punctuate these correctly.
Proofread own and others' writing, with increasing accuracy, for spelling and punctuation errors and to suggest improvements to grammar and vocabulary.

Maths
Order and compare numbers beyond 1,000.
Round any number to the nearest 10, 100 or 1,000.
Count backwards through 0 to include negative numbers.
Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction.
Recall multiplication and division facts for multiplication tables up to 12x12.
Recognise and show, using diagrams, families of common equivalent fractions.
Solve simple measure and money problems involving fractions and decimals to two decimal places.
Round decimals with 1 decimal place to the nearest whole number.
Convert between different units of measure; eg, kilometre to metre; hour to minute.
Read, write and convert time between analogue and digital 12- and 24-hour clocks.
Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.
Identify lines of symmetry in two-dimensional shapes presented in different orientations.
Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.

Year 5

Reading
Discuss books and courteously challenge others' opinions.
Discuss and explore meanings of words in context and ask questions to improve understanding of text.
Retrieve, record and present information and summarise main ideas identifying key details.
Infer characters' feelings, thoughts and reasons for their choices, using evidence from the text.
Identify how language, structure and presentation contribute to meaning.

Writing
Write legibly, fluently and with increasing speed.
Spell Year 5 expected words mostly correctly and use dictionaries to check spelling and meaning of new words (using first 3 letters).
Select appropriate grammar and punctuation and understand how these can change/enhance meaning.
Note and develop initial ideas drawing on reading.
Develop characters, settings and atmosphere using language and vocabulary from reading/books, and integrate dialogue to advance the action.
Reflect understanding of audience and purpose through choice of grammar, vocabulary and structure.
Use a wide range of devices to build cohesion within and across paragraphs.

Maths
Read, write, order and compare numbers with up to 3 decimal places.
Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000.
Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).
Identify multiples and factors, including finding all factor pairs of a number, and common factors of 2 numbers.
Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign.
Add, subtract, multiply and divide numbers mentally with increasingly large numbers, drawing upon known facts.
Read and write decimal numbers as fractions and recognise the percent symbol (%), and write percentages as a fraction with denominator 100, and as a decimal fraction.
Add and subtract fractions with the same denominator, and denominators that are multiples of the same number.
Convert between different units of metric measure (for example, kilometre and metre).
Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres.
Distinguish between regular and irregular polygons based on reasoning about equal sides and angles.
Draw given angles, and know that angles are measured in degrees: estimate and compare acute, obtuse and reflex angles.

Year 6

Reading
Read and discuss a wide range of texts, summarising what they have read and explain their understanding through discussions.
Discuss and explore meanings of words in context, including the Year 5/6 statutory spellings, and apply their knowledge of root words, prefixes and suffixes to understand new words.
Infer characters' feelings, thoughts and motives and justify using evidence from the text and explain their ideas, drawing on wider reading and prior knowledge.

Writing
Maintain legibility in joined handwriting when writing at speed.
Spell Year 5/6 statutory spellings, or words with similar rules, words with prefixes and suffixes and words with silent letters mostly correctly using a dictionary to check more ambitious vocabulary.
Use a range of punctuation such as: hyphens to avoid ambiguity, colons to introduce a list and mark boundaries between clauses, semicolons in a longer list and to mark boundaries and bullet points.
Select the appropriate register to reflect their understanding of audience and purpose.
In a range of fiction writing, describe settings, characters and atmosphere, integrating dialogue to convey character and advance the action, to create a cohesive piece of writing.
Use wider range of cohesive devices such as: repetition of word/phrase, adverbials and ellipsis.
Become familiar with and apply effectively the language of writing such as: figurative language, imagery, style and effect.
Select appropriate grammar and punctuation, understand how these can change/enhance meaning and assess effectiveness of own and others' writing.

Maths
Solve number and practical problems that include: determining the value of a digit in numbers up to 10.000.000, rounding a number to a required degree of accuracy and negative numbers
Solve calculations using all four operations, including multi-step problems in contexts, deciding which operations and methods to use and why, showing an understanding of the order of operations.
Use formal written methods to multiply and divide larger numbers and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context.
Order, compare, add, subtract, multiply and divide fractions within a variety of contexts
Use, read, write and convert between standard units, converting measurements of length, mass, volume and time.
Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons.
Describe positions on the full coordinate grid (all 4 quadrants), draw and translate simple shapes on the coordinate plane, and reflect them in the axes.

Interpret and construct pie charts and line graphs and use these to solve problems.
Use simple formulae and express missing number problems algebraically.